



Express Mail No. E534275325US  
Attorney Docket No.: AM-8523

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Hamid Noorbakhsh et al.	§	Group Art Unit:	Unknown
	§		
SERIAL NO.: 10/772,787	§		
	§	Examiner:	Unknown
FILED: February 5, 2004	§		
	§		
TITLE: GAS DISTRIBUTION SHOWERHEAD	§		
FOR SEMICONDUCTOR PROCESSING	§	Attorney Docket No. AM-8523	

March 24, 2004

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)(1)**

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:


In accordance with 37 CFR § 1.97(b)(1), applicants hereby request consideration of this Information Disclosure Statement. This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ER534275325US in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 24, 2004

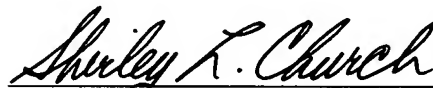
  
Shirley L. Church, Reg. No. 31,858

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The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior art" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

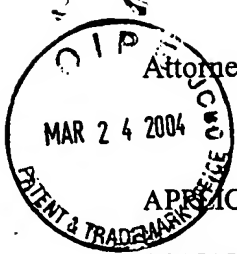
If the Examiner has any questions, s/he is respectfully requested to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,

A handwritten signature in cursive script, reading "Shirley L. Church", written over a horizontal line.

Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants  
(650) 473-9700

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Group Art Unit: Unknown

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TITLE: GAS DISTRIBUTION SHOWERHEAD  
FOR SEMICONDUCTOR PROCESSING

Attorney Docket No. AM-8523

March 24, 2004

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

Applicants are submitting the subject Information Disclosure Statement under 37 CFR § 1.97(b)(1). This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

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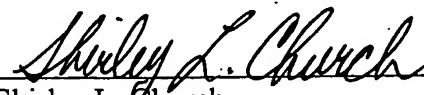
  
Shirley L. Church, Reg. No. 31,858

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Applicants do not believe that any fee is due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(1). However, in the event that any additional fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California, in the amount of such fee.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,

  
Shirley L. Church  
Registration No. 31,858  
Attorney for Applicants

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, California 95052

FORM PTO-1449  
(Equivalent)

U.S. Department of Commerce  
Patent and Trademark Office

U.S. Application Serial No.  
10/772,787

Atty. Docket No.  
AM-8523



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Hamid Noorbakhsh et al.  
Applicants

February 5, 2004  
Filing Date

Unknown  
Group

U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
_____	5,451,290	09/19/95	Salfelder	216	67	
_____	5,614,026	03/25/97	Williams	118	723 ME	
_____	5,781,693	07/14/98	Ballance et al.	392	416	
_____	5,976,261	11/02/99	Moslehi et al.	118	719	
_____	6,015,503	06/18/00	Butterbaugh et al.	216	66	
_____	6,050,506	04/18/00	Guo et al.	239	558	
_____	6,086,677	07/11/00	Umotoy et al.	118	715	
_____	6,182,603	02/06/01	Shang et al.	118	723 ME	
_____	6,302,964	10/16/01	Umotoy et al.	118	715	
_____	6,432,259	08/13/02	Noorbakhsh et al.	156	345.33	
_____	6,435,428	08/20/02	Kim et al.	239	553	
_____	6,444,042	09/03/02	Yang et al.	118	724	

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**U. S. PATENT DOCUMENTS**

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<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
_____	6,500,299	12/31/02	Mett et al.	156	345	
_____	6,555,166	04/29/03	Gluschenkov et al.	427	248.1	
_____	5,586,886	07/01/03	Katz et al.	315	111.21	
_____	6,605,177	08/12/03	Mett et al.	156	345.53	

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**U. S. PATENT APPLICATION DOCUMENTS**

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<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date</u>
_____	2001/0006070A1	07/05/01	Shang et al.	134	1	12/19/00
_____	2002/0127853A1	09/12/02	Hubacek et al.	438	689	12/29/00
_____	2002/0192379A1	12/19/02	Metzner et al.	427	248.1	07/12/02
_____	2003/0106490A1	06/12/03	Jallepally et al.	117	89	08/07/02

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**FOREIGN PATENT DOCUMENTS**

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<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Translation If Appropriate</u>
_____	WO 02/08487A1	01/31/02	Adomaitis et al.	C23C	16/00	

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<b>Examiner</b>	<b>Date Considered</b>
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